# INDEX TO GEOGRAPHIC SCHOOL BULLETINS

## Covering Volume XXII, No. 1, February 22, 1943, through No. 42, May 15, 1944.

**Editor's Note:** *Illustrations appearing with articles are not listed unless more than one concerning the article appears in the same issue (except in the case of Geo-Graphic Brevities). Geo-Graphic Brevities are indicated by*.*


### AFRICA

**General:** Fur-Bearing Africa Has Trade with United States, 2 ills., Jan. 24, 1944*.
**Basutoland:** Basutoland Decrees War Tax to Aid Britain, Apr. 19, 1943.
**French Equatorial Africa:** Gabon, Obscure African Colony Spotlighted in War Role, Mar. 15, 1943.*
**French West Africa:** Ill.: Sacks of peanuts, Dakar, Oct. 4, 1943.
**Morocco:** Morocco's Marrakech Has Memories of Empire, 2 ills., Feb. 7, 1944.
**North Africa:** Where Are the Yanks? 5. North Africa, 2 ills., 1 map, Mar. 20, 1944.
*See also* Morocco *and* Tunisia.
**Southern Rhodesia:** Southern Rhodesia Celebrates Semi-Centennial, 1 ill., May 8, 1944.*
**Spanish Morocco:** Spanish Morocco: Volatile Cap on Northwest Africa, Mar. 15, 1943.
**Tunisia:** Ancient Troglodyte Village a Stop on Rommel's Flight, Mar. 1, 1943*.
Bizerte and Tunis, Military Prizes of North Tunisia, May 3, 1943.
Dates for Yanks in North Africa? Plenty in Tozeur! 1 ill., Apr. 5, 1943.*
Faid Pass a Funnel from Sbeitla to Sfax, Mar. 8, 1943.*
Kairouan the Holy Caught in Battle for Tunisia, Apr. 19, 1943.
Mediterranean's Sicilian Narrows, Water-Bridge to Europe, Mar. 1, 1943.
Tunisia's Haunted Mountain Battlegrounds, Mar. 22, 1943.
Whose Side Are the Chotts On? Apr. 12, 1943.
Additional ill.: Seldja Gorges, Mar. 20, 1944.

### ASIA

**General:** Overlapping Near East and Middle East Puzzle Readers, Mar. 8, 1943.
**Aden Protectorate:** Ill.: Camel pulling dump cars, Oct. 25, 1943.
**Afghanistan:** Afgnanistan Emerges from Asia's Middle Ages, May 8, 1944.
Additional ill.: Turkoman cavalrymen, Herat, Jan. 3, 1944.
**Arabia:** *See* Aden Protectorate *and* Yemen.
**Burma:** Arakan Front in Burma a Slice of "Nature in the Raw," 1 ill., Apr. 19, 1943.*
Belated Burma: Pagodas, Parasols, and Peacocks Swept by War, 2 ills., Oct. 25, 1943.
Burma's Ledo Road a New Life Line for China, Mar. 20, 1944.
India-Burma Front a Savage Theater of War, 1 ill., Jan. 10, 1943.*
**China:** Burma's Ledo Road a New Life Line for China, Mar. 20, 1944.
China Gains Champions as Lisus Arm Against Japs, Mar. 29, 1943.*
China Goes West to Win, 3 ills., Oct. 18, 1943.
French-Leased Kwangchowan Cut Off from China by Japs, Apr. 12, 1943.*
Hunan Has Metal Riches and Stair-Climbing Wheelbarrows, Nov. 29, 1943.
Reclaimed Sinkiang Is China's Wild West, 2 ills., Dec. 13, 1943.
**Chosen:** *See* Korea.
**India:** Bengal, Scene of Famine, Hungers for Burma's Rice, Nov. 15, 1943.
India-Burma Front a Savage Theater of War, 1 ill., Jan. 10, 1944.*
India War Theater in Manipur Threatens Allied Supply Lines, Apr. 17, 1944.
Jute, a Cinderella Fiber, Nov. 8, 1943.
Pir Pagora, Late Leader of India's Terrorist Hurs, May 3, 1943.*
"Somewhere in India," Mar. 22, 1943.
**Iran:** Where Are the Yanks? 8. Iran, 2 ills., 1 map, Apr. 17, 1944.
**Iraq:** Ills.: Loading cargo plane, Dec. 13, 1943. Road marker, Mar. 8, 1943.
**Japan:** Japanese Empire Centered on Map for Geographic, Apr. 3, 1944.
**Japanese Empire:** Japanese Empire Centered on Map for Geographic, Apr. 3, 1944.
Japan's Condemned Empire Was 50 Years in the Making, 2 ills., Jan. 3, 1944.
*See also* Korea, Manchuria, *and* Islands: Caroline Islands, Kurile Islands, Marshall Islands, *and* Sakhalin.
**Jebel ed Druz:** *See* Levant States.
**Korea:** Ill.: Seoul, Korea, Jan. 3, 1944.
**Lebanon:** *See* Levant States.
**Levant States:** Fighting Druses a Factor in Middle East Unrest, Feb. 14, 1944.
Lebanon, Land of Silk and Cedars, 3 ills., Dec. 6, 1943.
**Manchukuo:** *See* Manchuria.
**Manchuria:** Ill.: Water front, Dairen, Mar. 22, 1943.
**Outer Mongolia:** Ill.: Gobi Desert, Apr. 12, 1943.
**Persia:** *See* Iran.
**Siam:** *See* Thailand.
**Thailand:** Japs Transfer Thailand's Capital to the Jungle (Petchabun), 2 ills., Nov. 29, 1943.*
**Turkey:** Adana Follows Casablanca as War Conference Site, 1 ill., Mar. 1, 1943.*
Remodeled Turkey Still a Doorstep to War Theaters, May 17, 1943.
Additional ill.: Water buffalo pulling two-wheel cart, Jan. 17, 1944.
**U.S.S.R. (Asiatic):** Warring Russia Adds to Uzbek Power Resources, Mar. 29, 1943.
*See also* Islands: Sakhalin.
**Yemen:** Yemen, Queen of Sheba Land, Slams Its Door on Foreigners, May 10, 1943.*

### EUROPE

**General:** Europe Still Leads U. S. in Subways, Apr. 19, 1943.
Europe's Invasion Coast Is Most-Studied Geography, May 15, 1944.
Overlapping Near East and Middle East Puzzle Readers, Mar. 8, 1943.
**Adriatic Sea:** Old Adriatic Battlefronts See New Battles, 3 ills., Jan. 10, 1944.
**Albania:** Albania Struggles to Divorce Italy as Allied Bombs Fall, Dec. 6, 1943.
**Belgium:** Europe's Invasion Coast Is Most-Studied Geography, May 15, 1944.
**British Commonwealth:** *See* Africa: Basutoland, Southern Rhodesia; Asia: Burma, India; Australia and New Zealand; Europe: Eire, England, Gibraltar; Islands: Bahama, Ellice, Fiji, Gilbert, New Hebrides, and Solomon Islands, *and* Ascension, Ceylon, Jamaica, and Nauru; North America: Canada.
**Bulgaria:** Bulgaria Loses King, Finds Dictator, Oct. 18, 1943.
**Czechoslovakia:** Tatar Pass Recalls Invasion 700 Years Ago, May 15, 1944.*
**Danzig, Free City of:** Nazi Targets Blasted by Bombers from Britain, Nov. 1, 1943.
**Denmark:** Defiant Denmark: Land of Forward-Looking Farmers, 2 ills., Oct. 11, 1943.
**Eire:** Eire, Land of Many Contradictions, Apr. 3, 1944.
**England:** Bombed Essex County Has American Ties, 1 ill., Apr. 12, 1943.*
Additional ills.: London subway used as air raid shelter, Apr. 19, 1943. Mount's Bay, Jan 17, 1944.
*See also* British Commonwealth.
**Estonia:** *See* U.S.S.R. (European).
**Finland:** Finland a Big Factor in Northern Europe's War Developments, Mar. 6, 1944.

**Ascension Island:** Isolated Ascension, Once Dry-Land Battleship, at War Again, Jan. 31, 1944.
**Azores:** Anti-Sub Azores: New Lifeline Link for Atlantic Shipping, 1 ill., 1 map, Nov. 1, 1943.
**Bahamas:** Ill.: Sponges, Nassau, Apr. 5, 1943.
**Bismarck Archipelago:** Bismarck Sea Battle Fought in Pacific Area of German Ambitions, 1 ill., Mar. 29, 1943.*
*See also* Admiralty Islands *and* New Britain.
**Caroline Islands:** Bombed Caroline Islands Hold Strong Jap Bases, 2 ills., Feb. 14, 1944.
Truk, Jap Naval Base, Casts War Clouds over Pacific, 1 ill., May 17, 1943.*
Truk Hit in Remember-Pearl-Harbor Raid, Mar. 13, 1944.
**Ceylon:** Ceylon, Watchdog on India's Doorstep, 1 ill., May 15, 1944.*
**Corsica:** Corsica: Mediterranean Hornets' Nest, Oct. 25, 1943.
**Cuba:** Cuba, "Sugar Bowl of the Antilles," 2 ills., 1 map, Mar. 15, 1943.
**Devil's Island:** Ill.: Air view, Apr. 12, 1943.
**Dodecanese Islands:** Dodecanese Knew War's Havoc, Medicine's Healing, 2 ills., Oct. 11, 1943.
**Dominican Republic:** Spanish Tradition Marks Dominican Republic, 2 ills., 1 map, Mar. 22, 1943.
**Ellice Islands:** Pacific Pin-Point Isles Wear Stars and Stripes, Oct. 18, 1943.
**Fiji Islands:** Where Are the Yanks? 4. The Fiji Islands, 1 ill., 1 map, Mar. 13, 1944.
**Gilbert Islands:** Capture of Gilbert Islands Pierces Japan's Eastern Shield, 1 ill., 1 map, Dec. 13, 1943.
Where Are the Yanks? 2. The Gilbert Islands, 1 ill., 1 map, Feb. 28, 1944.
**Haiti:** French-Speaking Haiti Unique in Latin American Family, 2 ills., 1 map, Mar. 29, 1943.
**Hawaii:** Ill.: Kilauea Crater, Mauna Loa, air view, Feb. 21, 1944.
**Hispaniola:** *See* Dominican Republic *and* Haiti.
**Iceland:** Where Are the Yanks? 12. Iceland, 2 ills., 1 map, May 15, 1944.
**Jamaica:** Bananas Into Alcohol Is War Plan in Jamaica, 1 ill., May 1, 1944.*
**Java:** *See* Netherlands Indies.
**Karafuto:** *See* Sakhalin.
**Kurile Islands:** U. S. Bombers Chipped Edge of Rising Sun at Paramushiro, Oct. 11, 1943.*
**Loyalty Islands:** *See* New Caledonia.
**Madagascar:** Ill.: Shepherd, Oct. 4, 1943.
**Marshall Islands:** Marshall Islands, Markers of Micronesia's Boundary, Jan. 24, 1944.
Marshall Islands Stronghold Unlocked with Kwajalein Key, 1 map, Mar. 6, 1944.
**Nauru:** Bombing of Nauru Hits Jap Diet, Jan. 3, 1944.
**Netherlands Indies:** Ills.: Malay merchant weighing copra, Apr. 24, 1944. Women stripping cinchona bark, Java, Feb. 28, 1944.
*See also* New Guinea.
**New Britain:** New Britain: New Step on the Road to Tokyo, Jan. 10, 1944.
Volcanoes Rehearsed Rabaul for War's Bombing, Apr. 24, 1944.
Where Are the Yanks? 11. New Britain, 2 ills., 1 map, May 8, 1944.
**New Caledonia:** Where Are the Yanks? 10. New Caledonia, the Loyalty Islands, and the New Hebrides, 2 ills., 1 map, May 1, 1944.
Additional ill.: Native mine worker, Feb. 7, 1944.
**New Guinea:** Huon Peninsula Gives Yanks Another Edge on New Guinea, Jan. 31, 1944.
New Guinea Battlefields Leap from Jungle to Headlines, 2 ills., Nov. 8, 1943.
Pacific Pin-Point Isles Wear Stars and Stripes, Oct. 18, 1943 (Trobriand Islands and Woodlark Island).
Tobacco Is Money in New Guinea, 1 ill., Feb. 14, 1944.*
Where Are the Yanks? 6. New Guinea, 2 ills., 1 map, Mar. 27, 1944.
Additional ill.: Papuans in outrigger, Mar. 29, 1943.
**New Hebrides:** Where Are the Yanks? 10. New Caledonia, the Loyalty Islands, and the New Hebrides, 2 ills., 1 map, May 1, 1944.
**Palmyra:** Palmyra, Once Isle Without a Country, Now U. S. Possession, Apr. 12, 1943.*
**Sakhalin:** Soviet-Japanese Sakhalin Has Rich Resources, May 8, 1944.
**Samoa, Territory of Western:** *See* Upolu.
**Sardinia:** Sardinia, a First Step from Tunisia, 2 ills., May 3, 1943.
Sardinia Gave Italy Silver, Coal, and Kings, Oct. 11, 1943.
**Sicily:** Mediterranean's Sicilian Narrows, Water-Bridge to Europe, Mar. 1, 1943.
Sicily Turns from Battlefield to Base, 1 map, Oct. 4, 1943.
Where Are the Yanks? 3. Sicily and Southern Italy, 2 ills., 1 map, Mar. 6, 1944.
**Solomon Islands:** Island Bastions in the Solomons Barricade, Oct. 4, 1943.
Newer Battlefields in the Solomon Islands, Nov. 22, 1943.
War Calls the Roll in the Solomon Islands, from B to T, Mar. 8, 1943.
Where Are the Yanks? 1. The Solomon Islands, 1 ill., 2 maps, Feb. 21, 1944.
**Trobriand Islands:** *See* New Guinea.
**Truk:** *See* Caroline Islands.
**Upolu:** Upolu, New U. S. Base, a Romantic Page in American History, Mar. 22, 1943.
**West Indies:** *See* Bahamas, Cuba, Dominican Republic, Haiti, *and* Jamaica.
**Woodlark Island:** *See* New Guinea.

## POLAR REGIONS

**Arctic Ocean:** Ill.: Pack ice, air view, Mar. 29, 1943.

## GEOGRAPHY, MAPS, AND MAP MAKING

**Geography:** Geographic's Spellings Adopted as Standard for the News, May 1, 1944.
Overlapping Near East and Middle East Puzzle Readers, Mar. 8, 1943.
*See also* Peoples and Cultures: National Geographic Society.
**Map Making:** Earth of the Air Age Portrayed on New Pole-Centered Map, Mar. 29, 1943.
Geographic's New Map Shows World in One Piece, Jan. 3, 1944.
Japanese Empire Centered on Map for Geographic, Apr. 3, 1944.
**Maps:** Africa, North, Mar. 20, 1944; Aleutian Islands, Apr. 24, 1944; Australia, Apr. 3, 1944; Azores, Nov. 1, 1943; Bougainville, Feb. 21, 1944; Costa Rica, Apr. 12, 1943; Cuba, Mar. 15, 1943; Dominican Republic, Hispaniola, Mar. 22, 1943; Eniwetok (atoll), Mar. 6, 1944; Fiji Islands, Mar. 13, 1944; Gilbert Islands, Dec. 13, 1943, and Feb. 28, 1944; Guadalcanal, Feb. 21, 1944; Guatemala, May 10, 1943; Haiti, Mar. 29, 1943; Honduras, Apr. 19, 1943; Iceland, May 15, 1944; Iran, Apr. 17, 1944; southern Italy, Nov. 15, 1943; southern Italy and Sicily, Mar. 6, 1944; Jaluit, Mar. 6, 1944; Kwajalein, Mar. 6, 1944; Loyalty Islands, May 1, 1944; Marshall Islands, Mar. 6, 1944; Mexico, Mar. 1, 1943; New Britain, May 8, 1944; New Caledonia, May 1, 1944; New Guinea, Mar. 27, 1944; New Hebrides, May 1, 1944; Nicaragua, Apr. 5, 1943; southwest Pacific, showing Micronesia and Melanesia, Apr. 5, 1943; Pacific, Dec. 13, 1943; Panama, Mar. 8, 1943; Salvador, May 3, 1943; Sicily, Oct. 4, 1943, and Mar. 6, 1944; Solomon Islands, Mar. 8, 1943, and Feb. 21, 1944; Tarawa, Feb. 28, 1944; Venezuela, Feb. 22, 1943; World, showing distribution of languages and areas occupied by United States forces with dates of arrival, Feb. 21, 1944; Wotje, Mar. 6, 1944.
Ills.: Russian wall map of Europe, Feb. 21, 1944. Greenland, Jan. 3, 1944. Relief map of Guatemala, May 10, 1943. Danish map of North America, Oct. 11, 1943. National Geographic Society map of Pacific Ocean, May 1, 1944.

## TRANSPORTATION AND COMMUNICATIONS

**General:** Engineering Works of 1943 Spurred by War Needs, 3 ills., Jan. 17, 1943.
**Airplanes and Aviation:** Air War Weapons Dreamed 450 Years Ago by Da Vinci, Nov. 8, 1943.
Earth of the Air Age Portrayed on New Pole-Centered Map, Mar. 29, 1943.
Flying Freight Cars Take to the Sky, Dec. 13, 1943.
Additional ills.: Transatlantic Clipper planes, Horta, Azores, Nov. 1, 1943. Airplane over Mauna Loa, Hawaii, Feb. 21, 1944. Loading transport plane, Feb. 28, 1944. U. S. Navy plane, Aleutians, Apr. 24, 1944.

UMI

**U. S. Armed Forces**—*Continued*
Paratroops: Sky Soldiers Invented in the U. S. A., Nov. 22, 1943.
Pigeon Messengers Show New Tricks in Fast-Paced War, May 3, 1943.
Teamwork Awards Added to Medals for U. S. War Heroes, Dec. 6, 1943.
24-Hour Clock, Used by Army and Navy, an International Convenience, Mar. 15, 1943.*
Additional ills.: Dentist at battlefront, Jan. 10, 1944. Navy reconnaissance plane, Aleutians, Apr. 24, 1944. Navy nurse, Dec. 6, 1943. Soldiers, Nicaragua, Apr. 5, 1943. Soldiers drilling, Mar. 1, 1943.
**U. S. Foreign Fronts and Bases:** Where Are the Yanks? Series: 1, Solomon Islands; 2, Gilbert Islands; 3, Sicily and Southern Italy; 4, Fiji Islands; 5, North Africa; 6, New Guinea; 7, Australia; 8, Iran; 9, Aleutian Islands; 10, New Caledonia, the Loyalty Islands, and the New Hebrides; 11, New Britain; 12, Iceland (*see under countries for dates*).
*See also* Asia: China, India; Islands: Admiralty, Ellice, *and* Marshall Islands, *and* Ascension, Ceylon, *and* Upolu.
**U. S. War Effort:** Chrysanthemums War on Man's Insect Enemies, Jan. 24, 1944.
New Uses for "Naval Stores": Rosin and Turpentine Go to War, Nov. 1, 1943.
Nylon Swan Song Ends Short and Sheer Career, Mar. 8, 1943.*
Paper Is Fighting on Many Fronts, 1 ill., Feb. 28, 1944.*
Saving Soles Becomes Home Front Duty, Mar. 1, 1943.
Soybean, Old Chinese Food, Now Aiding U. S. War Effort, Mar. 22, 1943.
Sulphuric Acid: War Industry's Most Useful Liquid, Feb. 7, 1944.
This Is the "War of Explosives," 1 ill., Oct. 11, 1943.*
Unscrambling Sea Water Saves Lives, Makes Minerals, Oct. 25, 1943.
Wartime Washington Works, Jan. 17, 1944.
**California:** Ladybugs Fight Citrus Pests But Balk at Jap Mealybugs, Feb. 7, 1944.*
Oranges: A Bright Spot in Economic Geography, Dec. 6, 1943.
United States Spouts Oil in More than Half of States, Dec. 6, 1943.
Unrationed Olive, One of Western Man's Oldest Foods, Mar. 15, 1943.
**Chesapeake Bay:** Oyster Industry an "Early American" Saved by Conservation, Feb. 22, 1943.
**Colorado:** Colorado's Berthoud Pass Helped Westward Pioneers, May 1, 1944.
**District of Columbia:** Jefferson Memorial in War Capital Honors Fighting Civilian, 2 ills., Apr. 12, 1943.
Wartime Washington Works, Jan. 17, 1944.
Additional ill.: National Geographic Wall Map in National Press Club, May 1, 1944.
**Florida:** Oranges: A Bright Spot in Economic Geography, Dec. 6, 1943.
United States Spouts Oil in More Than Half of States, Dec. 6, 1943.
**Great Lakes:** Great Lakes Ore Traffic a Sign of Spring, Apr. 17, 1944.
**Indiana:** Ill.: Peppermint still, Dec. 13, 1943.
**Kentucky:** Ill.: Tobacco planting machinery, Feb. 14, 1944.
**Michigan:** Ill.: Loading dock, Marquette, Apr. 17, 1944.
**Minnesota:** Ills.: Itasca State Park, Nov. 15, 1943; Peat field, Jan. 10, 1944.
**New Jersey:** Ill.: Sailboats, Bivalve, Feb. 22, 1943.
**New Mexico:** Ill.: Sweet potato field, Nov. 22, 1943.
**Oklahoma:** Ill.: Prospecting for oil, Feb. 14, 1944.
**Tennessee:** TVA Geography-Makers Turn Tennessee River to Lakes, 2 ills., Jan. 31, 1944.*
**Texas:** United States Spouts Oil in More than Half of States, Dec. 6, 1943.
Additional ill.: Harvesting rice, Nov. 15, 1943.
**Wisconsin:** Ill.: Nicolet National Forest, Apr. 17, 1944.
**Territories and Insular Possessions:** *See* North America: Alaska; *and* Islands: Aleutian Islands, Hawaii, *and* Palmyra.

## CENTRAL AMERICA

**General:** Latin American Series: 10, Venezuela; 11, Mexico; 12, Panama; 13, Cuba; 14, Dominican Republic; 15, Haiti; 16, Nicaragua; 17, Costa Rica; 18, Honduras; 19, El Salvador; 20, Guatemala (*see under countries for titles and dates*).
Pan American Highway Adds New Links to Vast Travel Network, 3 ills., May 17, 1943.
*See also* Islands: Cuba, Dominican Republic, Haiti, *and* Jamaica.
**Costa Rica:** Costa Rica, Where "Little Landers" Prosper, 1 ill., 1 map, Apr. 12, 1943.
**Guatemala:** Guatemala, the "Tropical Switzerland," 2 ills., 1 map, May 10, 1943.
**Honduras:** Honduras, Number One Banana Land, 2 ills., 1 map, Apr. 19, 1943.
**Nicaragua:** Nicaragua of the "Great Lakes," 2 ills., 1 map, Apr. 5, 1943.
**Panama:** Panama, a Link and a Gash Between Continents, 2 ills., 1 map, Mar. 8, 1943.
**Salvador:** Compact El Salvador, Where People and Crops Are Concentrated, 2 ills., 1 map, May 3, 1943.

## SOUTH AMERICA

**General:** Pan American Highway Adds New Links to Vast Travel Network, 3 ills., May 17, 1943.
Western Hemisphere Quinine to Replace East Indies Product, Feb. 28, 1944.
**Argentina:** Argentina, Meat and Grain Land, Yields Metals Too, Mar. 27, 1944.
Argentina's San Juan Had Quake Warning 50 Years Ago, Feb. 7, 1944.
Revived Rail Link Joins Chile and Argentina, Apr. 3, 1944.
Rich, Productive Argentina Last to Break Axis Ties, 2 ills., Feb. 14, 1944.
**Bolivia:** Bolivia: Mountain Warehouse of War Materials, 2 ills., Jan. 24, 1944.
Additional ill.: Potato harvesters, Mar. 27, 1944.
**Brazil:** Brazil's Babassu Nut Business May Compete with Coffee, Feb. 14, 1944.*
Brazil's "Wild West" Mato Grosso Attracts Explorers, Nov. 8, 1943.
Gas Shortage Puts Alligator into Oil Business, Jan. 3, 1944.*
New Federal Territories Fringe Brazil, Mar. 13, 1944.
Additional ill.: Sacks of cotton, Patos, Brazil, Nov. 8, 1943.
**Chile:** Chile, Enriched by Sea Frontage, to Harness River Power, Nov. 29, 1943.
Recent Coal Discoveries Add to Chile's Mineral Wealth, Mar. 20, 1944.
Revived Rail Link Joins Chile and Argentina, Apr. 3, 1944.
Additional ill.: Santiago, May 17, 1943.
**French Guiana:** French Guiana Joins the United Nations, Apr. 12, 1943.
**Peru:** Inca Farmers, Tamers of Food Plants, Knew Rationing, May 10, 1943.
Paiche, Amazon's Biggest Fish, Now Feeds War Workers, Jan. 24, 1944.
Potato, Cool Climate Crop, First Found near Equator, Mar. 27, 1944.
**Surinam:** Ill.: Steamer, Cottica River, Jan. 17, 1944.
**Venezuela:** Oil-Rich Venezuela Has Many Natural Resources, 2 ills., 1 map, Feb. 22, 1943.
Additional ill.: Tacagua Valley, May 17, 1943.

## AUSTRALIA AND NEW ZEALAND

**Australia:** Little Ant Shall Aid Them—in Australia, 1 ill., Mar. 15, 1943.*
Where Are the Yanks? 7. Australia, 2 ills., 1 map, Apr. 3, 1944.
Willy-willy, a Furious Wind, Belies Its Sissified Name, 1 ill., Mar. 8, 1943.*
*See also* Islands: Bismarck Archipelago *and* New Guinea.
**New Zealand:** Ill.: Playing bowls, Rotorua, Feb. 7, 1944.
*See also* Islands: Upolu.

## ISLANDS

**General:** New Guinea to Tokyo: Pacific Path of Island Steppingstones, 1 map, Apr. 5, 1943.
"News" Make Names in Southwest Pacific, 2 ills., Feb. 7, 1944.*
**Admiralty Islands:** Admiralty Islands: Northern Sentinels for New Guinea, Mar. 20, 1944.
**Aleutian Islands:** Spread-Eagle Kiska, Kidnapped Gibraltar of the West Aleutians, May 10, 1943.
Where Are the Yanks? 9. The Aleutians, 2 ills., 1 map, Apr. 24, 1944.

**Food**—*Continued*
Additional ills.: Family eating, Romania, Jan. 31, 1944. Native eating, Trobriand Islands, Oct. 18, 1943.
*See also* Bread, Butter, Candy, Corn, Fish, Fruit, Mushrooms, Oysters, Potatoes, Seaweed, *and* Soybeans.
**Fruit:** Ladybugs Fight Citrus Pests But Balk at Jap Mealybugs, Feb. 7, 1944.*
*See also* Bananas, Cherries, Coconuts, Dates, Grapes, Olives *and* Oranges.
**Fur:** Fur-Bearing Africa Has Trade with United States, 2 ills., Jan. 24, 1944.*
**Grapes:** Ill.: Women picking grapes, Italy, Nov. 22, 1943.
**Harbors and Ports:** Anti-Sub Azores: New Lifeline Link for Atlantic Shipping, 1 ill., 1 map, Nov. 1, 1943.
Marseille, Home of the Marseillaise, in Nazi Grip, Feb. 22, 1943.
Naples: Italy's No. 3 City and No. 1 Port, 1 ill., Oct. 18, 1943.*
Piraeus: Athens' Gateway to the Sea, Mar. 6, 1944.
Additional ills.: Dairen, Manchuria, Mar. 22, 1943. Kiska, Aleutians (air view), May 10, 1943. Nazan Bay, Aleutians, Apr. 24, 1944. Rabaul, New Britain (air view), May 8, 1944.
**Imports and Exports:** Cuba, "Sugar Bowl of the Antilles," 2 ills., 1 map, Mar. 15, 1943.
Fur-Bearing Africa Has Trade with United States, 2 ills., Jan. 24, 1944.
Oil-Dieted Spain a Battleground of Economic War, Feb. 21, 1944.
Rich, Productive Argentina Last to Break Axis Ties, 2 ills., Feb. 14, 1944.
**Insecticides:** Chrysanthemums War on Man's Insect Enemies, Jan. 24, 1944.
**Iron and Steel:** Great Lakes Ore Traffic a Sign of Spring, Apr. 17, 1944.
Russian Victories Reclaim Industrial Cities, 2 ills., Nov. 15, 1943.
**Irrigation:** Warring Russia Adds to Uzbek Power Resources, Mar. 29, 1943.
*See also* Peoples and Cultures: Dams.
**Jute:** Jute, a Cinderella Fiber, Nov. 8, 1943.
**Kapok:** Lowly Milkweed Stars as Kapok Substitute, Oct. 18, 1943.*
**Leather:** Saving Soles Becomes Home Front Duty, Mar. 1, 1943.
**Lumbering:** National Forests Yield Game Along with Timber, 1 ill., Apr. 17, 1944.*
New Uses for "Naval Stores": Rosin and Turpentine Go to War, Nov. 1, 1943.
Additional ills.: Elephants pulling teak logs, Burma, Apr. 19, 1943. Log jam, Beauchêne River, Canada, Mar. 27, 1944.
**Manganese:** Nikopol Is Rich Ukraine Source of Manganese, Feb. 28, 1944.*
**Markets and Venders:** Ills.: Bazaar, Herat, Afghanistan, May 8, 1944. Hat shop, Panama, Mar. 8, 1943.
Indian selling salt, Mexico, Feb. 21, 1944. Open-air market, Split, Yugoslavia, Nov. 8, 1943. Ruins of market place, Rome, Nov. 29, 1943. Selling copra, Netherlands Indies, Apr. 24, 1944.
**Metals:** *See* Aluminum, Antimony, Beryllium, Bismuth, Iron and Steel, Manganese, Radium, Tantalum, Tin, *and* Tungsten.
**Milkweed:** Lowly Milkweed Stars as Kapok Substitute, Oct. 18, 1943.*
**Mills:** Ills.: Grinding grain, Romania, Apr. 24, 1944. Windmill for refining salt, Sicily, Mar. 7, 1943.
**Mines and Minerals:** Bolivia: Mountain Warehouse of Minerals, 2 ills., Jan. 24, 1944.
Unscrambling Sea Water Saves Lives, Makes Minerals, Oct. 25, 1943.
Additional ill.: Nitrate deposits, Chile, Mar. 20, 1944.
*See also* Coal, Metals, Oil, Peat, Salt, *and* Sulphur.
**Mint:** Christmas Candies Short on Mint, Dec. 13, 1943.
**Mushrooms:** Mushrooms: A Wild Food Tamed for Fine Taste, Jan. 3, 1944.
**Nylon:** Nylon Swan Song Ends Short and Sheer Career, Mar. 8, 1943.*
**Oil:** Gas Shortage Puts Alligator into Oil Business, Jan. 3, 1944.*
Maikop Wells Supplied Less Than Tenth of Russian Oil, Mar. 1, 1943.*
Romania's Oil Fields: Prime Target of the Balkan Front, May 1, 1944.
Science Cuts Gamble on Wildcat Oil Wells, Feb. 14, 1944.
United States Spouts Oil in More Than Half of States, Dec. 6, 1943.
**Olives:** Unrationed Olive, One of Western Man's Oldest Foods, Mar. 15, 1943.
**Oranges:** Oranges: A Bright Spot in Economic Geography, Dec. 6, 1943.
**Oysters:** Oyster Industry an "Early American" Saved by Conservation, Feb. 22, 1943.
Additional ill.: Gilbert Islands, Dec. 13, 1943.
**Paper:** Paper Is Fighting on Many Fronts, 1 ill., Feb. 28, 1944.*
**Peanuts:** Ill.: Dakar, French West Africa, Oct. 4, 1943.
**Peat:** Peat Pinch-Hits for Cousin Coal, Jan. 10, 1944.
**Potatoes:** Potato, Cool Climate Crop, First Found near Equator, Mar. 27, 1944.
Thanksgiving Menu Gets Sweet Potatoes from Indians, Nov. 22, 1943.
**Power Plants:** Chile, Enriched by Sea Frontage, to Harness River Power, Nov. 29, 1943.
TVA Geography-Makers Turn Tennessee River to Lakes, 2 ills., Jan. 31, 1944.*
*See also* Commerce, Industry, and Agriculture: Irrigation; *and* Peoples and Cultures: Dams.
**Quinine:** Western Hemisphere Quinine to Replace East Indies Product, Feb. 28, 1944.
**Radium:** Elusive Radium: A Metal of Paradoxes, Apr. 24, 1944.
**Rice:** United States Rice Crop Tops Records, 2 ills., Nov. 15, 1943.
**Rosin:** New Uses for "Naval Stores": Rosin and Turpentine Go to War, Nov. 1, 1943.
**Salt:** Whose Side Are the Chotts On? Apr. 12, 1943.
Additional ills.: Camel pulling dump cars loaded with salt, Aden, Oct. 25, 1943. Indian selling salt, Mexico, Feb. 21, 1944. Windmill for refining salt, Sicily, Mar. 1, 1943.
**Seaweed:** "New" Seaweed Food Long Known to Chinese, 1 ill., Jan. 17, 1944.*
**Sheep and Sheep Raising:** Where Are the Yanks? 7. Australia, 2 ills., 1 map, Apr. 3, 1944.
**Silk:** Ills.: Cocoons, Bulgaria, Oct. 18, 1943; Silk factory, Beirut, Levant States, Dec. 6, 1943.
**Sisal:** Ill.: Drying sisal, Haiti, Mar. 29, 1943.
**Soybeans:** Soybean, Old Chinese Food, Now Aiding U. S. War Effort, Mar. 22, 1943.
Additional ill.: Unloading soybeans, Manchuria, Jan. 3, 1944.
**Sponges:** Expelled from Schools, Sponges Enter War Work, Apr. 5, 1943.
**Steel:** *See* Iron and Steel.
**Sugar:** Cuba, "Sugar Bowl of the Antilles," 2 ills., 1 map, Mar. 15, 1943.
Spanish Tradition Marks Dominican Republic, 2 ills., 1 map, Mar. 22, 1943.
**Sulphur:** Sicily Turns from Battlefield to Base, 1 map, Oct. 4, 1943.
**Sulphuric Acid:** Sulphuric Acid: War Industry's Most Useful Liquid, Feb. 7, 1944.
**Tantalum:** Tantalum Fights, Then Helps Repair the Damage, Jan. 10, 1944.
**Tea:** Ill.: Russians drinking tea, Kharkov, U.S.S.R., Mar. 1, 1943.
**Tin:** Ill.: Tin mine, Bolivia, Jan. 24, 1944.
**Tobacco:** Tobacco Is Money in New Guinea, 1 ill., Feb. 14, 1944.*
**Tungsten:** Argentina, Meat and Grain Land, Yields Metals Too, Mar. 27, 1944.
Additional ill.: Women sorting tungsten, Bolivia, Jan. 24, 1944.
**Turpentine:** New Uses for "Naval Stores": Rosin and Turpentine Go to War, Nov. 1, 1943.

## PEOPLES AND CULTURES

**Amusements:** *See* Circuses, Dancers and Dancing, Musicians and Bards, Sports and Games, *and* Theater.
**Archeology:** Exploring Continued in 1943 in Spite of War, Jan. 24, 1944.
Additional ills.: Baalbak, Lebanon, Dec. 6, 1943. Pompeii, Italy, Oct. 4, 1943. Rome, Italy, Nov. 29, 1943. Roman ruins, Tunisia, Mar. 22, 1943.
*See also* National Geographic Society.
**Architecture:** Jefferson Memorial in War Capital Honors Fighting Civilian, 2 ills., Apr. 12, 1943.
*See also* Castles; Churches, Mosques, and Temples; Dwellings; Towers; *and* Walls.
**Art:** Air War Weapons Dreamed 450 Years Ago by Da Vinci, Nov. 8, 1943.
Allies' "Road to Rome" Leads to Cultural Treasures, 2 ills., Nov. 29, 1943.
Additional ills.: Art class, Honduras, Apr. 19, 1943; Painting of paratroopers, Nov. 22, 1943.

UMI

**Automobiles:** Ills.: On highway, Alps, Italy, Oct. 4, 1943. Traffic cloverleaf, Stockholm, Sweden, Nov. 22, 1943. Underground parking lot, Mar del Plata, Argentina, Feb. 14, 1944.
**Boats and Ships:** Convoy System Stems from Piracy, 1 ill., Nov. 15, 1943.*
Great Lakes Ore Traffic a Sign of Spring, Apr. 17, 1944.
Additional ills.: Aluminum boat used as pontoon, Alaska Highway, Canada, Jan. 17, 1944. Barges, Sungari River, Manchuria, Jan. 3, 1944. Canoes: Minnesota, Nov. 15, 1943; outriggers, Gilbert Islands, Dec. 13, 1943; New Guinea, Mar. 29, 1943. Junks, Dairen, Manchuria, Mar. 22, 1943. Fishing boats: On beach, Etretat, France, May 15, 1944; in Pontine Lagoon, Italy, Feb. 28, 1944. Gondolas, Venice, Italy, Mar. 13, 1944. Japanese transports (air view), Aleutians, May 10, 1943, and New Britain, May 8, 1944. Motor boat, Copenhagen, Denmark, Oct. 11, 1943. Sailboats: Adriatic Sea, Jan. 10, 1944; Bivalve, New Jersey, Feb. 22, 1943; Lake Como, Italy, Oct. 25, 1943; Piraeus, Greece, Mar. 6, 1944; Truk, Mar. 13, 1944. Ships: Danzig, Nov. 1, 1943; dropping depth charge, North Atlantic, Oct. 11, 1943; ore ship, Marquette, Michigan, Apr. 17, 1944; Piraeus, Greece, Mar. 6, 1944; Marseille, France, Feb. 22, 1943. Speedboat, Black Sea, U.S.S.R., May 1, 1944. Steam launch, Tung Ting Lake, China, Nov. 29, 1943. Steamer, Cottica River, Surinam, Jan. 17, 1944.
**Bridges:** Ills.: Pontoon for bridge, Alaska Highway, Canada, Jan. 17, 1944; Kurfürsten Bridge, Berlin, Germany, Dec. 13, 1943; Rhine River, Cologne, Germany, Feb. 22, 1943; Seyhan River, Adana, Turkey, Mar. 1, 1943.
**Canals:** IJmuiden, Nazi E-Boat Nest in the Netherlands, Apr. 17, 1944.*
Ills.: Copenhagen, Denmark, Oct. 11, 1943; Venice, Italy, Mar. 13, 1944.
**Carts and Wagons:** Ills.: Cuba, Mar. 15, 1943; England, Jan. 17, 1944; Estonia, Feb. 28, 1944; Manchuria, Mar. 22, 1943; Sicily, Mar. 6, 1944; Turkey, Jan. 17, 1944.
**Convoys:** Convoy System Stems from Piracy, 1 ill., Nov. 15, 1943.*
**Draft animals:** *See* Natural History: Camels, Donkeys, Elephants, Horses, Llamas, Oxen, Reindeer, *and* Water Buffalo.
**Highways and Roads:** Appian Way, an Allied Road to Rome, Nov. 1, 1943.
Burma's Ledo Road a New Life Line for China, Mar. 20, 1944.
Engineering Works of 1943 Spurred by War Needs, 3 ills., Jan. 17, 1944.
Pan American Highway Adds New Links to Vast Travel Network, 3 ills., May 17, 1943.
Additional ills.: Alps, Italy, Oct. 4, 1943. Yugoslavia, Nov. 8, 1943. Appian Way, Brindisi, Italy, Jan. 10, 1944. Road marker, Iraq, Mar. 8, 1943. Traffic cloverleaf, Stockholm, Sweden, Nov. 22, 1943.
**Pigeons:** Pigeon Messengers Show New Tricks in Fast-Paced War, May 3, 1943.
**Pipe Lines:** Engineering Works of 1943 Spurred by War Needs, 3 ills., Jan. 17, 1944.
Ill.: Moreni oil field, Romania, May 1, 1944.
**Radio:** Radar Just One Offspring of Up-and-Coming Electronics Family, Apr. 3, 1944.
Sun Spots Are Only Sideshow to the Sun's Daily Work, Nov. 29, 1943.
**Railroads:** Revived Rail Link Joins Chile and Argentina, Apr. 3, 1944.
Additional ills.: Armored train, U.S.S.R., Oct. 11, 1943. Camel pulling dump cars, Aden, Oct. 25, 1943. Locomotive, Iran, Apr. 17, 1944. Tracks: Spain, Feb. 21, 1944; Yugoslavia, Nov. 8, 1943.
**Rivers:** Dnepr Line a Russian Battlefront Again, Mar. 15, 1943.
Freed Stalingrad Uneorks the Volga, Feb. 22, 1943.
TVA Geography-Makers Turn Tennessee River to Lakes, 2 ills., Jan. 31, 1944.*
*See also* Physical Geography: Rivers.
**Subways:** Europe Still Leads U. S. in Subways, Apr. 19, 1943.
**Telephones:** Ill.: Portable telephone, Jan. 17, 1944.
**Television:** Ill.: Television set, Apr. 3, 1944.
**Tractors:** Ill.: State Farm, U.S.S.R., Mar. 8, 1943. Tractor pulling plow, Minnesota, Jan. 10, 1944.
**Trucks:** Ill.: Itri, Italy, Nov. 1, 1943.

## COMMERCE, INDUSTRY, AND AGRICULTURE

**General:** Engineering Works of 1943 Spurred by War Needs, 3 ills., Jan. 17, 1944.
**Agriculture:** Defiant Denmark: Land of Forward-Looking Farmers, 2 ills., Oct. 11, 1943.
Inca Farmers, Tamers of Food Plants, Knew Rationing, May 10, 1943.
Additional ills.: Farm machinery, State Farm, U.S.S.R., Mar. 8, 1943. Harvesting implements, Romania, Jan. 31, 1944. Tobacco planting machinery, Kentucky, Feb. 14, 1944. Tractor-drawn plow, Jan. 10, 1944.
*See also* Cattle and Cattle Raising, Coffee, Corn, Cotton, Dairying, Fruit, Irrigation, Jute, Mint, Mushrooms, Peanuts, Potatoes, Rice, Sheep and Sheep Raising, Sisal, Soybeans, Sugar, Tea *and* Tobacco.
**Alcohol:** Bananas into Alcohol Is War Plan in Jamaica, 1 ill., May 1, 1944.*
**Aluminum:** Ill.: Aluminum plant, U.S.S.R., Nov. 15, 1943. Washing bauxite, Jan. 31, 1944.
**Amber:** Königsberg, Bombed by Russians, Is World's Amber Capital, 1 ill., May 3, 1943.*
**Antimony:** Antimony: A Teamwork Metal, Jan. 17, 1944.
Argentina, Meat and Grain Land, Yields Metals Too, Mar. 27, 1944.
**Babassu Nuts:** Brazil's Babassu Nut Business May Compete with Coffee, Feb. 14, 1944.*
**Bamboo:** Bamboo, Army Emergency Food, An Old Oriental "Handy Andy", Oct. 4, 1943.*
**Bananas:** Bananas into Alcohol Is War Plan in Jamaica, 1 ill., May 1, 1944.*
Honduras, Number One Banana Land, 2 ills., 1 map, Apr. 19, 1943.
Additional ill.: Mexico, May 17, 1943.
**Bauxite:** *See* Aluminum.
**Beryllium:** Argentina, Meat and Grain Land, Yields Metals Too, Mar. 27, 1944.
War-Baby Beryllium a New Magic Metal, Oct. 18, 1943.
**Bismuth:** Versatile Bismuth Helps Planes to Fly and Mirrors to Reflect, Jan. 31, 1944.
**Bread:** Ills.: Croat woman carrying bread, Yugoslavia, Jan. 10, 1944. Swedish women making bread, Nov. 22, 1943.
**Butter:** Butter Proves Mrs. America's Most-Missed Food, 1 ill., Mar. 6, 1944.*
**Candy:** Christmas Candies Short on Mint, Dec. 13, 1943.
**Cattle and Cattle Raising:** Saving Soles Becomes Home Front Duty, Mar. 1, 1943.
Ills.: Cattle, Finland, Mar. 6, 1944; Zebus, Brazil, Mar. 13, 1944.
**Cherries:** Ill.: Maraschino cherries, Yugoslavia, Nov. 8, 1943.
**Coal:** Recent Coal Discoveries Add to Chile's Mineral Wealth, Mar. 20, 1944.
*See also* Peat.
**Coconuts:** The Coconut Palm Serves in War and Peace, Apr. 24, 1944.
Additional ills.: Children carrying, Solomons, Oct. 4, 1943. Nauruan drinking from, Jan. 3, 1944.
**Coffee:** Ills.: Drying coffee beans: Costa Rica, Apr. 12, 1943; El Salvador, May 3, 1943.
**Copra:** *See* Coconuts.
**Cork:** Ill.: Sardinia, Oct. 11, 1943.
**Corn:** Ill.: Husking corn, Hungary, Apr. 17, 1944.
**Cotton:** Ill.: Sacks of cotton, Patos, Brazil, Nov. 8, 1943.
**Dairying:** Ill.: Milking goats, Switzerland, Jan. 3, 1944.
**Dates:** Dates for Yanks in North Africa? Plenty in Tozeur! 1 ill., Apr. 5, 1943.*
**Fish and Fisheries:** Paiche, Amazon's Biggest Fish, Now Feeds War Workers, Jan. 24, 1944.*
Ills.: Basket fish traps, New Britain, Apr. 24, 1944. Sardine fishermen, Adriatic Sea, Jan. 10, 1944. Gilbertese fish dance, Feb. 28, 1944. Sun-dried bonito, Caroline Islands, Feb. 14, 1944.
*See also* Oysters.
**Flowers:** Chrysanthemums War on Man's Insect Enemies, Jan. 24, 1944.
**Food:** Bamboo, Army Emergency Food, An Old Oriental "Handy Andy," Oct. 4, 1943.*
Italy's Cupboard Is Nearly Bare, 1 ill., Nov. 22, 1943.*
"New" Seaweed Food Long Known to Chinese, 1 ill., Jan. 17, 1944.*
Uncle Sam to Slice Steaks from Alaska's Reindeer Riches, May 10, 1943.

**Sculptures**—*Continued*
Additional ills.: Ancient stone sculpture, Nicaragua, Apr. 5, 1943. Cow, temple courtyard, Bangkok, Thailand, Nov. 29, 1943. Marble elephant, Calcutta, India, Nov. 15, 1943. Monkey god, Mexico, Oct. 4, 1943. Statue, Pompeii, Italy, Oct. 4, 1943.
**Shepherds:** Ills.: Iran, Apr. 17, 1944; Madagascar, Oct. 4, 1943.
**Sports and Games:** Ills.: Athletes, Turkey, May 17, 1943. Bowls, New Zealand, Feb. 7, 1944. Fox hunting, England, Apr. 12, 1943. Race track, Guatemala, May 10, 1943. Skiers, Colorado, May 1, 1944. Swimming, Burma, Oct. 25, 1943.
**Superstitions:** Ills.: Caroline Islands, cookstoves, Feb. 14, 1944; Dominican Republic, eggshells on yucca's leaves, Mar. 22, 1943.
**Theater:** Ill.: Drama of Middle Ages given by Kraków students, Poland, May 17, 1943.
**Tombs:** Ills.: Columbus's tomb, Cathedral, Trujillo City, Dominican Republic, Mar. 22, 1943. Taj Mahal, India, Mar. 22, 1943.
**Towers:** Ill.: Leaning Tower, Pisa, Mar. 13, 1944.
**Toys:** Ill.: Dolls, Sardinia, May 3, 1943.
**Walls:** Ills.: City walls, Herat, Afghanistan, May 8, 1944. City walls, Marrakech, Morocco, Feb. 7, 1944.
**Water:** Unscrambling Sea Water Saves Lives, Makes Minerals, Oct. 25, 1943.
**Weapons:** Ill.: Girl shooting rifle, U.S.S.R., Nov. 1, 1943. Spear, Madagascar, Oct. 4, 1943.
**Wells:** Ills.: Albania, Dec. 6, 1943; Spain, Feb. 21, 1944.
**Women:** Caucasus, Home of Amazons, Famed for Hard-Fighting Peoples, 2 ills., Nov. 1, 1943.
Additional ills.: Women canal workers, U.S.S.R., Feb. 7, 1944. Women in fisheries, Iceland, May 15, 1944. Typists, Tokyo, Japan, Apr. 3, 1944.
**Zoos:** Ill.: Buenos Aires zoo, Brazil, Feb. 14, 1944.

## NATURAL HISTORY

**Alligators:** Gas Shortage Puts Alligators into Oil Business, Jan. 3, 1944.*
**Ants:** Little Ant Shall Aid Them—in Australia, 1 ill., Mar. 15, 1943.*
**Bears:** Ill.: Sakhalin Island, May 8, 1944.
**Birds:** Pigeon Messengers Show New Tricks in Fast-Paced War, May 3, 1943.
Additional ill.: Terns, Ascension Island, Jan. 31, 1944.
**Camels:** Ills.: Aden, Oct. 25, 1943; China, Dec. 13, 1943; Outer Mongolia, Apr. 12, 1943; Tunisia, Mar. 20, 1944. U.S.S.R., Feb. 22, 1943.
**Cats:** Ill.: Romania, Jan. 31, 1944.
**Cattle:** *See* Commerce, Industry, and Agriculture: Cattle and Cattle Raising.
**Deer:** Ill.: Nicolet National Forest, Wisconsin, Apr. 17, 1944.
**Dogs:** Ill.: Chow, China, Oct. 18, 1943.
**Donkeys:** Ills.: Albania, Dec. 6, 1943; Tunisia, Apr. 5, 1943.
**Elephants:** Ill.: Burma, Apr. 19, 1943.
**Goats:** Ills.: Switzerland, Jan. 3, 1944; Tunisia, Mar. 20, 1944.
**Horses:** Ills.: Brazil, Nov. 8, 1943; England, Jan. 17, 1944; Estonia, Feb. 28, 1944; Iceland, May 15, 1944. Kentucky, Feb. 14, 1944; Texas, Nov. 15, 1943; Tunisia, Apr. 19, 1943.
**Klipspringers:** Ill.: Ethiopia, Jan. 24, 1944.
**Ladybugs:** Ladybugs Fight Citrus Pests But Balk at Jap Mealybugs, Feb. 7, 1944.*
**Llamas:** Ill.: Brazil, Feb. 14, 1944.
**Monkeys:** Ill.: Ethiopia, Jan. 24, 1944.
**Oxen:** Ill.: Cuba, Mar. 15, 1943.
**Plants:** Chrysanthemums War on Man's Insect Enemies, Jan. 24, 1944.
Lowly Milkweed Stars as Kapok Substitute, Oct. 18, 1943.*
Additional ills.: Cacti, Sicily, Mar. 6, 1944. Yucca, Dominican Republic, Mar. 22, 1943.
**Reindeer:** Uncle Sam to Slice Steaks from Alaska's Reindeer Riches, May 10, 1943.
**Sheep:** *See* Commerce, Industry, and Agriculture: Sheep and Sheep Raising.
**Termites:** Ill.: Termite hill, Southern Rhodesia, May 8, 1944.
**Tigers:** Ill.: Burma, Jan. 10, 1944.
**Trees:** Bamboo, Army Emergency Food, An Old Oriental "Handy Andy," Oct. 4, 1943.*
Coconut Palm Serves in War and Peace, Apr. 24, 1944.
New Uses for "Naval Stores": Rosin and Turpentine Go to War (pine trees), Nov. 1, 1943.
Additional ills.: Coconut groves, New Guinea, Nov. 8, 1943. Coconut palm, Nauru, Jan. 3, 1944. Date palms, Morocco, Feb. 7, 1944. Ficus tree, Burma, Mar. 20, 1944; New Guinea, Mar. 27, 1944. Palms, Italy, Feb. 28, 1944; Venezuela, Feb. 22, 1943. Sago palm roots, Mar. 20, 1944.
**Wallabies:** Ill.: Australia, Apr. 3, 1944.
**Water Buffalo:** Asia's Water Buffalo Aids U. S. Army Air Forces, 1 ill., Mar. 20, 1944.*
Additional ill.: Turkey, Jan. 17, 1944.

## PHYSICAL GEOGRAPHY

**Bays:** Ills.: Nazan Bay, Aleutians, Apr. 24, 1944. Rabaul, New Britain, May 8, 1944.
**Beaches:** Ill.: Beach and cliffs, Etretat, France, May 15, 1944.
**Chotts:** Whose Side Are the Chotts On? Apr. 12, 1943.
**Cliffs:** Ill.: Etretat, France, May 15, 1944.
**Deserts:** Ill.: Gobi Desert, Outer Mongolia, Apr. 12, 1943.
**Gorges:** Ill.: Seldja Gorges, Tunisia, Mar. 20, 1944.
**Lagoons:** Ills.: Pontine Lagoon, Italy, Feb. 28, 1944. Truk, Mar. 13, 1944.
**Lakes:** Great Lakes Ore Traffic a Sign of Spring, Apr. 17, 1944.
Additional ills.: Great Bear Lake, Canada, Apr. 24, 1944; Lake Como, Switzerland, Oct. 25, 1943, Lake Managua, Nicaragua, Apr. 5, 1943; Tung Ting Lake, China, Nov. 29, 1943.
*See also* Chotts *and* Lagoons.
**Marshes:** Beachhead South of Rome a Historic Battleground (Pontine Marshes), Feb. 28, 1944.
Pripet Marshes a Mid-Europe Bog, Jan. 10, 1944.*
**Mountains:** Colorado's Berthoud Pass Helped Westward Pioneers, May 1, 1944.
Tunisia's Haunted Mountain Battlegrounds, Mar. 22, 1943.
Upper Savoy, France's "Boiling-Over Battlefield" in the Alps, Apr. 5, 1943.
Additional ills.: Alps, Italy, Oct. 4, 1943; Andes, South America, Feb. 22, 1943, May 17, 1943 (2 ills.), Nov. 29, 1943, Apr. 3, 1944; Atlas Mountains, Morocco, Feb. 7, 1944; Cumberland Mountains, Tennessee, Jan. 31, 1944; Drakensberg, South Africa, Apr. 19, 1943; Kansu Mountains, China, Oct. 18, 1943; Monte Mosor, Yugoslavia, Nov. 8, 1943; Sierra Madre, Mexico, Mar. 1, 1943; Sinkiang, China, Dec. 13, 1943.
*See also* Passes *and* Volcanoes.
**Oceans:** Earth of the Air Age Portrayed on New Pole-Centered Map, Mar. 29, 1943.
Unscrambling Sea Water Saves Lives, Makes Minerals, Oct. 25, 1943.
**Pack Ice:** Ill.: Arctic Ocean, air view, Mar. 29, 1943.
**Passes:** Colorado's Berthoud Pass Helped Westward Pioneers, May 1, 1944.
Faid Pass a Funnel from Sbeitla to Sfax, Mar. 8, 1943.*
Tatar Pass Recalls Invasion 700 Years Ago, May 15, 1944.*
**Rivers:** Chile, Enriched by Sea Frontage, to Harness River Power, Nov. 29, 1943.
Strange Place Names Flare on Russia's Battlefront, Feb. 7, 1944.
Additional ills.: Beauchêne R., Canada, Mar. 27, 1944; Clinch R., Tennessee-Virginia, Jan. 31, 1944; Colorado R., Chile, Nov. 29, 1943; Cottica R., Surinam, Jan. 17, 1944; Gez R., China, Dec. 13, 1943; Huonggiang R., French Indochina, Mar. 20, 1944; Jumna R., Mar. 22, 1943; Pregel R., Germany, May 3, 1943; Rhine R., Germany, Feb. 22, 1943; Seldja R., Tunisia, Mar. 20, 1944; Seyhan R., Turkey,

UMI

**Castles:** Ills.: Dieppe, France, Jan. 17, 1944. Itri, Italy, Nov. 1, 1943. Klis, Yugoslavia, Nov. 8, 1943. Tallinn, Estonia, Feb. 28, 1944.
**Children:** Ills.: Brazil, Feb. 14, 1944; China, Oct. 18, 1943; Corsica, Oct. 25, 1943; French Indochina, Mar. 20, 1944; Iran, Apr. 17, 1944; Iraq, Mar. 8, 1943; Italian baby, Mar. 6, 1944; London, Apr. 19, 1943; Riviera, May 17, 1943; Samoa, Mar. 22, 1943; Solomon Islands, Oct. 4, 1943; Sweden, Nov. 22, 1943; Thailand, Nov. 29, 1943; Tunisia, Mar. 20, 1944; Venezuela, Feb. 22, 1943.
**Churches, Mosques, and Temples:** Ills.: Cathedrals: Berlin, Germany, Dec. 13, 1943; Cologne, Germany, Feb 22, 1943; Frankfurt, Germany, Mar. 27, 1944; Milan, Italy, Nov. 8, 1943; Panama, ruins of St. Anastasius Cathedral, Mar. 8, 1943; Trujillo City, Dominican Republic, Columbus's tomb in Cathedral, Mar. 22, 1943. Churches: Copenhagen, Denmark, Oct. 11, 1943; Dieppe, France, Jan. 17, 1944; Marseille, France, Feb. 22, 1943; Tallinn, Estonia, Feb. 28, 1944; Veracruz State, Mexico, Mar. 1, 1943; Westminster Abbey, London, England, Mar. 13, 1944. Great Mosque, Kairouan, Tunisia, Apr. 19, 1943. Temples: Jain temple, Calcutta, India, Nov. 15, 1943; Temple of Heaven, Seoul, Korea, Jan. 3, 1944.
**Circuses:** Circuses Take "Spangleland" on Wartime Tours, May 17, 1943.*
**Clocks:** 24-Hour Clock, Used by Army and Navy, an International Convenience, Mar. 15, 1943.*
**Cooking Methods:** Ills.: Caroline Islands, Feb. 14, 1944; Cuba, Mar. 15, 1943; Sweden, Nov. 22, 1943.
**Costumes and Clothing:** Nylon Swan Song Ends Short and Sheer Career, Mar. 8, 1943.*
Saving Soles Becomes Home Front Duty, Mar. 1, 1943.
Shoe Styles of the Past Fed Vanity, Snubbed Comfort, Mar. 29, 1943.
Additional ills.: Bolivia, Jan. 24, 1944; Bulgaria, Oct. 18, 1943; Ceylon, May 15, 1944; Dodecanese Islands, Oct. 11, 1943; Ethiopia, Mar. 6, 1944; Fiji, Mar. 13, 1944; Hungary, Apr. 17, 1944; Lebanon, Dec. 6, 1943; Mexico, Mar. 1, 1943, and May 17, 1943; New Britain tribesmen, Jan. 10, 1944, and May 8, 1944; New Caledonia, Feb. 7, 1944; Poland, medieval costumes, May 17, 1943; Riviera carnival costumes, May 17, 1943; Romania, Jan. 31, 1944, Apr. 24, 1944; Sakhalin, Ainus, May 8, 1944; Sardinia, May 3, 1943; Sweden, Nov. 22, 1943; Thailand, Nov. 29, 1943; Tunisia, Apr. 19, 1943; U.S.S.R., Mar. 15, 1943, Mar. 29, 1943. Headgear: Guatemalan masks, May 10, 1943; India, Naga tribesman, Apr. 17, 1944; New Guinea tribesmen, Mar. 27, 1944, Nov. 8, 1943; Panama hat shop, Mar. 8, 1943; Uzbek turbans, U.S.S.R., Mar. 29, 1943.
**Cowboys:** Ill.: Brazil, Nov. 8, 1943.
**Dams:** Dnepr Line a Russian Battlefront Again, Mar. 15, 1943.
TVA Geography-Makers Turn Tennessee River to Lakes, 2 ills., Jan. 31, 1944.*
Additional ill.: Tunisia, Apr. 5, 1943.
**Dancers and Dancing:** Ills.: Fish dance, Gilbert Islands, Feb. 28, 1944. Temple dancers, Ceylon, May 15, 1944.
**Dwellings:** Ancient Troglodyte Village a Stop on Rommel's Flight, Mar. 1, 1943.*
Additional ills.: Argentina, adobe house, Feb. 7, 1944; China, *yurt*, Dec. 13, 1943; Copenhagen, Denmark, Oct. 11, 1943; Eire, thatched-roof cottage, Apr. 3, 1944; England, mansion, Jan. 17, 1944; Fiji, grass houses, Mar. 13, 1944; Port-au-Prince, Haiti, President's residence, Mar. 29, 1943; Tegucigalpa, Honduras, Presidential Palace, Apr. 19, 1943; New Guinea, house on stilts, Mar. 27, 1944; Nouméa, New Caledonia, May 1, 1944; Rhodes, Dodecanese Islands, Oct. 11, 1943; Romania, marsh reed dwelling, Jan. 31, 1944; Thailand, house on stilts, Nov. 29, 1943; Truk, bamboo huts, May 17, 1943.
**Expeditions and Exploration:** Brazil's "Wild West" Mato Grosso Attracts Explorers, Nov. 8, 1943.
Exploring Continued in 1943 in Spite of War, Jan. 24, 1944.
"News" Make Names in Southwest Pacific, 2 ills., Feb. 7, 1944.*
*See also* National Geographic Society.
**Flags:** Ill.: Turkey, May 17, 1943.
**Government:** China Goes West to Win, 3 ills., Oct. 18, 1943.
Nine Neutrals Leave 93 Per Cent of World at War, 2 ills., Jan. 3, 1944.*
**Handicrafts:** Ills.: Decorating bowls, Honduras, Apr. 19, 1943. Decorating wooden shoes, France, Mar. 29, 1943, Lacquerware, Mexico, Mar. 1, 1943. Spinning, Sweden, Nov. 22, 1943 Making masks, Guatemala, May 10, 1943. Weaving, Sardinia, May 3, 1943.
**Holidays, Celebrations, and Customs:** Ills.: Ceylon, Perahera dancers, May 15, 1944. Marshall Islands, memorial ceremony, Jan. 24, 1944. New Britain, tribal ceremony, Jan. 10, 1944. Sakhalin, Ainus' bear festival, May 8, 1944. Solomon Islands, christening ceremony, Nov. 22, 1943.
**Indians:** Inca Farmers, Tamers of Food Plants, Knew Rationing, May 10, 1943.
Additional ills.: Chippewas harvesting rice, Minnesota, Nov. 15, 1943. Tarascan Indian women, Mexico, Mar. 1, 1943. Zotzil Indian, Mexico, Feb. 21, 1944. Potato harvesters, Bolivia, Mar. 27, 1944.
**Jade:** La Venta an Ancient Mexican Mecca, Oct. 4, 1943.
**Libraries:** Ill.: City Library, Berlin, Dec. 13, 1943.
**Lighthouses:** Ill.: Europa Point, Gibraltar, Mar. 15, 1943.
**Medals and Decorations:** Teamwork Awards Added to Medals for U. S. War Heroes, Dec. 6, 1943.
**Medicine:** *See* Commerce, Industry, and Agriculture: Quinine, Radium, *and* Tantalum.
**Monuments and Memorials:** Jefferson Memorial in War Capital Honors Fighting Civilian, 2 ills., Apr. 12, 1943.
Wrecked Landmarks That Have Gained in Fame, 2 ills., Mar. 13, 1944.
Additional ill.: Marble column marking east end of Appian Way, Brindisi, Italy, Jan. 10, 1944.
**Museums:** Ill.: Schlöss Museum, Berlin, Dec. 13, 1943.
**Musicians and Bards:** Ills.: Azerbaijan ballad singers, U.S.S.R., Nov. 1, 1943. Kanaka singers, Marshall Islands, Jan. 24, 1944. Kirghiz bards, U.S.S.R., Feb. 21, 1944. Tribal musicians, New Britain, Jan. 10, 1944. Uzbek bards, U.S.S.R., Mar. 29, 1943.
**National Archives:** Ill.: Original documents of treaties, Jan. 17, 1944.
**National Forests:** National Forests Yield Game Along with Timber, 1 ill., Apr. 17, 1944.*
Additional ill.: Arapaho National Forest, Colorado, May 1, 1944.
**National Geographic Society:** Ancient Mexican Ruins Discovered by Geographic Expedition, May 8, 1944.*
Earth of the Air Age Portrayed on New Pole-Centered Map, Mar. 29, 1943.
Exploring Continued in 1943 in Spite of War, Jan. 24, 1944.
Geographic's New Map Shows World in One Piece, Jan. 3, 1944.
Geographic's Spellings Adopted as Standard for the News, May 1, 1944.
Japanese Empire Centered on Map for Geographic, Apr. 3, 1944.
La Venta an Ancient Mexican Mecca, Oct. 4, 1943.
La Venta Giant Head Comes to Washington, 2 ills., Oct. 25, 1943.
Sixth Geographic-Smithsonian Expedition Takes Field, Feb. 21, 1944.
Additional ill.: President, Dr. Gilbert Grosvenor, Oct. 25, 1943.
**Parks:** Ill.: Itasca State Park, Minnesota, Nov. 15, 1943.
*See also* National Forests.
**Races and Tribes:** China Gains Champions as Lisus Arm Against Japs, Mar. 29, 1943.*
Marshall Islands, Markers of Micronesia's Boundary (Kanakas), Jan. 24, 1944.
Pir Pagora, Late Leader of India's Terrorist Hurs, May 3, 1943.*
Additional ills.: Ainus, Sakhalin, May 8, 1944. Druse, Levant States, Feb. 14, 1944. Galla girl, Ethiopia, Mar. 6, 1944. Fishermen, Gilbert Islands, Dec. 13, 1943; Feb. 28, 1944. Javanese women, Feb. 28, 1944. Bards, Kirghiz S. S. Republic, U.S.S.R., Feb. 21, 1944. Kirghiz tribesmen, China, Dec. 13, 1943. Loyalty Islanders, Feb. 7, 1944, and May 1, 1944. Mahafaly tribesman, Madagascar, Oct. 4, 1943. Mishmi tribesmen, Burma, Mar. 20, 1944. Naga tribesman, India, Apr. 17, 1944. New Britain tribesmen, Jan. 10, 1944, and May 8, 1944. Tribesmen, New Guinea, Mar. 29, 1943, Nov. 8, 1943, Jan. 31, 1944, Mar. 27, 1944. Padaung women, Oct. 25, 1943. Solomon Islanders, Feb. 21, 1944, Nov. 22, 1943. Southern Rhodesia, Bantus, May 8, 1944. Turkoman cavalrymen, Herat, Afghanistan, Jan. 3, 1944. Zlass tribesmen, Tunisia, Apr. 19, 1943.
**Schools:** Ills.: Corsica, Oct. 25, 1943. Folk high school, Denmark, Oct. 11, 1943. Telephone company's school, Jan. 17, 1944. Typing class, Tokyo, Japan, Apr. 3, 1944. University, Kraków, Poland, May 17, 1943. Venezuela, Feb. 22, 1943.
**Sculptures:** La Venta Giant Head Comes to Washington, 2 ills., Oct. 25, 1943.
Wrecked Landmarks That Have Gained in Fame, 2 ills., Mar. 13, 1944.

**Rivers**—*Continued*
Mar. 1, 1943; Spree R., Germany, Dec. 13, 1943; Sungari R., Manchuria, Jan. 3, 1944; Tacagua R Venezuela, May 17, 1943.
*See also* Transportation: Rivers.
**Snow:** Colorado's Berthoud Pass Helped Westward Pioneers, May 1, 1944.
Additional ill.: Venice, Italy, Mar. 13, 1944.
**Straits and Channels:** Europe's Invasion Coast Is Most-Studied Geography, May 15, 1944.
Mediterranean's Sicilian Narrows, Water-Bridge to Europe, Mar. 1, 1943.
Pas de Calais District Is France's Nearest Invasion Coast to England, May 1, 1944.*
Additional ill.: Strait of Gibraltar, Mar. 15, 1943.
**Volcanoes:** Where Are the Yanks? 12. Iceland, 2 ills., 1 map, May 15, 1944.
Why Can't Volcanoes Be Bombed into Eruption? Feb. 21, 1944.
Additional ills: Momotombo, Nicaragua, Apr. 5, 1943. Mt. Vesuvius, Italy, Oct. 4, 1943, Oct. 18, 1943
**Waterfalls:** Ill.: Hsum Hsai, Burma, Oct. 25, 1943.
**Weather:** Italy Is "Surprise Stocking" of Varied Weather Samples, Mar. 13, 1944.
*See also* Snow *and* Winds.
**Winds:** Willy-willy, a Furious Wind, Belies Its Sissified Name, 1 ill., Mar. 8, 1943.*

## SCIENCE

**Astronomy:** 400-Year Milestone for Earth-Mover, Sky-Mapper Copernicus, May 17, 1943.
Sun Spots Are Only a Sideshow to the Sun's Daily Work, Nov. 29, 1943.
**Chemistry:** Sulphuric Acid: War Industry's Most Useful Liquid, Feb. 7, 1944.
This Is the "War of Explosives," 1 ill., Oct. 11, 1943.*
Unscrambling Sea Water Saves Lives, Make Minerals, Oct. 25, 1943.
**Electronics:** Radar Just One Offspring of Up-and-Coming Electronics Family, Apr. 3, 1944.
**Engineering:** Engineering Works of 1943 Spurred by War Needs, 3 ills., Jan. 17, 1944.
**Machinery, Instruments, Etc.:** Science Cuts Gamble on Wildcat Oil Wells, Feb. 14, 1944.
Additional ills.: Dentist's drill run by foot treadle at battlefront, Jan. 10, 1944. Milling machine, China, Oct. 18, 1943. Television set, Apr. 3, 1944. Testing sulphuric acid, Philadelphia plant, Feb. 7, 1944 Thomas Jefferson's telescope, Apr. 12, 1943. Wind gauge, Brindisi, Italy, Jan. 10, 1944.
**Radar:** *See* Electronics.

© *G. Burroughs*

**CEYLON'S TEMPLE DANCERS KNOW NO RATIONING OF JUNK JEWELRY**

**Beads and belts and bracelets, bejeweled high-crowned hats, and fancifully draped silken skirts costume these dancers in Kandy's Temple of the Tooth—the Dalada Maligawa—where Buddha's sacred right tooth is hidden from all but the most exalted eyes. Every year in midsummer the Perahera ceremonies are held in honor of the cherished relic. In a grassy enclosure of the temple these dancers enliven the celebration with their angular, rhythmic routines to the beat of drums and the metallic crash of cymbals. In return for their services to the temple, the dancers are given land. Only men take part in these ceremonies as dancers or musicians.**

UMI